



In cooperation with RUDOLF GROUP

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Rotating Atomizer System ROTO-APPLICATOR®

INKJET- print: pre-application on a stenter (acrylate based)

- ✓ To reach an even and specks- free print
- ✓ Improves the contour definition
- ✓ Increase of adhesive force of printed dyestuff
- ✓ Minimized dye migration

Spray recipe : 30 - 180 g/l RUCO-PRINT®* PMP (RUDOLF GROUP)
density 1,1 g/m³; dynamic viscosity of spray recipe 15-65 mPas

Drying : 4 - 6% residual moisture respectively 85 - 95°C fabric surface temperature in drying

Contact-free application of acrylate in a spray coating process

- ✓ Neither heat transfer nor any contamination of dirt, lint or residual chemicals into the spray solution
- ✓ Minimum application MA: 35 - 60% pick-up with sufficient diffusion of acrylate (pre-trials recommended)
- ✓ Significant chemical and energy saving
- ✓ Reduced residual liquor during batch change (13 l System fill at 3.200 mm fabric width)
- ✓ No mechanical stress or change in the capillary system of fabric by squeezing
- ✓ No more expensive and time-consuming maintenance (e.g. roller change/grinding of rubber coverings)

Closed spray chamber ROTO-APPLICATOR®

- ✓ Time - delayed forced application by two-time spraying the front and back side of the fabric
- ✓ Optional: One sided spraying of acrylate with moderate diffusion for good contour definition
- ✓ The first spray point serves as a pre-wetting, thus ensuring a homogeneous penetration of the spray solution
- ✓ An air curtain and the closed spray chamber guarantees to fulfill the maximum concentration values at the workplace and will avoid „OVERSPRAY“ (= too fine micro drops)

Spray add-on of acrylate on back and face side
(Viscosity 15-65 mPas)

